

- (II) at the receiver,
- (a) receiving said nonlinear acquisition composite code,
 - (b) generating a plurality of linear reference component codes, R_1, R_2, \dots, R_n , that correlate respectively with said linear acquisition component codes, C_1, C_2, \dots, C_n ,
 - (c) combining said reference component codes to form a linear third composite code in accordance with said first composition rule,
 - (d) nonlinearizing said third composite code in a manner identical to that of said (I,c) nonlinearizing step to form a nonlinear fourth composite code,
 - (e) correlating said reference component codes, R_1, R_2, \dots, R_{n-1} , with said nonlinear acquisition composite code by shifting the phases of said reference component codes, R_1, R_2, \dots, R_{n-1} , and
 - (f) correlating said nonlinear fourth composite code with said nonlinear acquisition composite code by shifting the phase of the remaining reference component code, R_n .
8. The coding method as recited in claim 7, wherein: said first composition rule is a modulo-2 addition rule; and said second composition rule is a Boolean majority voting rule.
9. The coding method as recited in claim 7, wherein: said (I,c) nonlinearizing step comprises applying said linear first composite code to an encrypter operating in a decrypt mode to form said nonlinear second composite code; and said (II,d) nonlinearizing step comprises applying said linear third composite code to an encrypter operating in a decrypt mode to form said nonlinear fourth composite code.
10. The coding method as recited in claim 7, wherein: said (I,d) combining step comprises time delaying said acquisition component codes, C_1, C_2, \dots, C_{n-1} , and combining said delayed codes with said

- nonlinear second composite code to form said nonlinear acquisition composite code in accordance with said second composition rule; and said (II,e) correlating step comprises time delaying said reference component codes, R_1, R_2, \dots, R_{n-1} , by the same amount that said acquisition component codes, C_1, C_2, \dots, C_{n-1} , are time delayed and correlating said delayed reference component codes with said nonlinear acquisition composite code.
11. The coding method as recited in claim 7, further comprising the steps of:
- (II) at the receiver,
- (g) combining said linear reference component codes, R_1, R_2, \dots, R_{n-1} , with said nonlinear fourth composite code in accordance with said first composition rule to form a nonlinear fifth reference composite code, and
 - (h) correlating said nonlinear fifth composite code with said nonlinear acquisition composite code;
- (I) at the transmitter,
- (f) combining said linear acquisition component codes, C_1, C_2, \dots, C_{n-1} , with said nonlinear second composite code in accordance with said first composition rule to form a nonlinear data-carrying composite code, and
 - (g) transmitting said nonlinear data-carrying composite code; and
- (II) at the receiver,
- (i) receiving said nonlinear data-carrying composite code, and
 - (j) correlating said nonlinear fifth reference composite code with said nonlinear data-carrying composite code.
12. The coding method as recited in claim 11, wherein: said first composition rule is a modulo-2 addition rule; and said second composition rule is a Boolean majority voting rule.
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